

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
 Data File : BN000654.D
 Acq On : 27 Mar 2018 19:20
 Operator : JU/SJ
 Sample : J2060-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AS8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.584	22	25	34	rVB	15831	24924	0.97%	0.078%
2	4.167	119	124	130	rBV4	4458	9412	0.37%	0.030%
3	4.302	139	147	151	rBV2	5387	9324	0.36%	0.029%
4	4.408	161	165	171	rBV	9491	16513	0.64%	0.052%
5	5.402	327	334	340	rBV2	64922	108947	4.25%	0.342%
6	6.414	502	506	512	rVV	10550	17374	0.68%	0.055%
7	7.555	692	700	714	rBV	290217	513789	20.04%	1.615%
8	7.714	720	727	734	rBV	265904	417360	16.28%	1.312%
9	7.931	758	764	772	rBV	298082	491309	19.16%	1.544%
10	8.408	838	845	856	rVB	649357	1045678	40.78%	3.286%
11	9.119	959	966	973	rBV	387022	638540	24.90%	2.007%
12	9.178	973	976	981	rVV	10116	15230	0.59%	0.048%
13	9.243	981	987	992	rVB	6763	11952	0.47%	0.038%
14	9.590	1038	1046	1056	rVB	294364	489378	19.08%	1.538%
15	9.943	1100	1106	1111	rBV	59799	85340	3.33%	0.268%
16	10.319	1164	1170	1177	rBV	216995	364425	14.21%	1.145%
17	10.866	1256	1263	1271	rBV	354274	602545	23.50%	1.894%
18	11.249	1320	1328	1333	rBV	921013	1627798	63.48%	5.116%
19	11.296	1333	1336	1343	rVB	266180	426801	16.64%	1.341%
20	11.372	1343	1349	1358	rBV	230925	407000	15.87%	1.279%
21	12.625	1553	1562	1567	rBV2	39106	58148	2.27%	0.183%
22	12.878	1599	1605	1615	rVB	380900	581464	22.67%	1.827%
23	13.096	1637	1642	1648	rBV	44758	65122	2.54%	0.205%
24	13.819	1761	1765	1768	rBV2	16469	22428	0.87%	0.070%
25	13.866	1768	1773	1784	rVB	67530	98123	3.83%	0.308%
26	14.060	1801	1806	1815	rVB	32852	46581	1.82%	0.146%
27	14.349	1846	1855	1859	rBV2	26634	48011	1.87%	0.151%
28	14.413	1860	1866	1871	rVV	713825	981666	38.28%	3.085%
29	14.460	1871	1874	1879	rVV	174587	226104	8.82%	0.711%
30	14.584	1890	1895	1899	rBV2	13678	18229	0.71%	0.057%
31	14.725	1913	1919	1930	rVB	813066	1200610	46.82%	3.773%
32	14.878	1939	1945	1950	rBV	50919	63857	2.49%	0.201%
33	14.984	1959	1963	1965	rVV2	44341	57052	2.22%	0.179%
34	15.031	1965	1971	1979	rVB2	1316875	2075220	80.92%	6.522%

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35	15.096	1979	1982	1987	rVB	21998	26486	1.03%	0.083%
36	15.225	1997	2004	2015	rBV2	168830	305645	11.92%	0.961%
37	15.319	2015	2020	2025	rVB5	6014	12789	0.50%	0.040%
38	15.419	2033	2037	2042	rVB4	13720	22600	0.88%	0.071%
39	15.484	2044	2048	2057	rVB3	14184	24926	0.97%	0.078%
40	15.772	2093	2097	2101	rBV	16620	23752	0.93%	0.075%
41	15.819	2101	2105	2110	rVB	69086	86783	3.38%	0.273%
42	16.007	2132	2137	2143	rBV	965094	1398089	54.52%	4.394%
43	16.066	2143	2147	2153	rVB4	23650	39805	1.55%	0.125%
44	16.131	2153	2158	2166	rBV	125188	183742	7.17%	0.577%
45	16.219	2166	2173	2176	rBV3	15089	29507	1.15%	0.093%
46	16.437	2207	2210	2215	rVB3	7648	9585	0.37%	0.030%
47	16.672	2245	2250	2260	rBV	59352	94836	3.70%	0.298%
48	17.460	2380	2384	2388	rVV	33792	45394	1.77%	0.143%
49	17.507	2389	2392	2396	rVV	9770	16187	0.63%	0.051%
50	17.542	2396	2398	2400	rVV3	7669	9859	0.38%	0.031%
51	17.572	2400	2403	2407	rVV	19368	28520	1.11%	0.090%
52	17.613	2407	2410	2415	rVB3	6896	9406	0.37%	0.030%
53	17.754	2427	2434	2438	rVV	1671008	2379461	92.79%	7.478%
54	17.795	2438	2441	2446	rVV	564324	756131	29.49%	2.376%
55	17.854	2446	2451	2460	rVB2	1029301	1510513	58.90%	4.747%
56	17.937	2460	2465	2469	rVB4	6295	12461	0.49%	0.039%
57	18.189	2504	2508	2514	rVV	23436	31020	1.21%	0.097%
58	18.331	2528	2532	2535	rVV	12063	15738	0.61%	0.049%
59	18.472	2550	2556	2560	rBV3	8981	17331	0.68%	0.054%
60	18.613	2572	2580	2585	rBV	137033	229313	8.94%	0.721%
61	18.666	2585	2589	2593	rVV	144021	192198	7.49%	0.604%
62	18.742	2598	2602	2607	rBV2	8531	11718	0.46%	0.037%
63	18.795	2607	2611	2616	rBV4	23590	38614	1.51%	0.121%
64	18.842	2616	2619	2622	rBV	17642	20712	0.81%	0.065%
65	18.966	2635	2640	2643	rVV4	6901	12096	0.47%	0.038%
66	18.995	2643	2645	2650	rVB5	8581	9508	0.37%	0.030%
67	19.095	2658	2662	2667	rBV	56275	74784	2.92%	0.235%
68	19.225	2679	2684	2688	rBV3	6671	10944	0.43%	0.034%
69	19.336	2700	2703	2708	rVB	23501	28740	1.12%	0.090%
70	19.389	2708	2712	2716	rBV	27114	35663	1.39%	0.112%
71	19.431	2716	2719	2726	rVV	19532	23407	0.91%	0.074%

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72	19.507	2726	2732	2737	rBV3	22384	42047	1.64%	0.132%
73	19.642	2753	2755	2762	rVB5	8140	9518	0.37%	0.030%
74	19.778	2770	2778	2783	rVB3	91192	163981	6.39%	0.515%
75	19.825	2783	2786	2788	rBV2	12811	16023	0.62%	0.050%
76	19.854	2789	2791	2796	rVB3	12393	19030	0.74%	0.060%
77	19.995	2813	2815	2824	rVB3	15407	24160	0.94%	0.076%
78	20.107	2828	2834	2837	rBV	1217525	1724658	67.25%	5.420%
79	20.136	2837	2839	2845	rVB	437632	494942	19.30%	1.555%
80	20.460	2890	2894	2899	rVB2	20040	36267	1.41%	0.114%
81	20.583	2912	2915	2917	rBV2	23250	30845	1.20%	0.097%
82	20.619	2917	2921	2926	rVB	67675	91717	3.58%	0.288%
83	20.713	2934	2937	2941	rVB	38717	49279	1.92%	0.155%
84	20.778	2943	2948	2953	rBV	166289	224623	8.76%	0.706%
85	20.913	2968	2971	2974	rBV	57175	69782	2.72%	0.219%
86	20.966	2975	2980	2990	rVB2	210379	325148	12.68%	1.022%
87	21.519	3071	3074	3078	rBV	76634	93161	3.63%	0.293%
88	21.878	3128	3135	3139	rBV2	1751552	2564418	100.00%	8.059%
89	21.913	3139	3141	3148	rVB	312816	405617	15.82%	1.275%
90	22.448	3228	3232	3234	rBV	88027	137862	5.38%	0.433%
91	22.525	3241	3245	3251	rBV	72299	122543	4.78%	0.385%
92	22.954	3314	3318	3323	rVB2	93454	137282	5.35%	0.431%
93	23.095	3339	3342	3355	rVB	124565	211087	8.23%	0.663%
94	23.513	3409	3413	3422	rVB	140960	262519	10.24%	0.825%
95	23.601	3424	3428	3434	rVB	73746	139989	5.46%	0.440%
96	24.142	3514	3520	3524	rBV2	300764	571081	22.27%	1.795%
97	24.195	3524	3529	3536	rVB2	464159	902680	35.20%	2.837%
98	24.354	3549	3556	3568	rBV2	813069	1680574	65.53%	5.282%
99	24.866	3638	3643	3654	rVB3	137487	354274	13.81%	1.113%
100	25.701	3781	3785	3796	rVB2	116699	270246	10.54%	0.849%

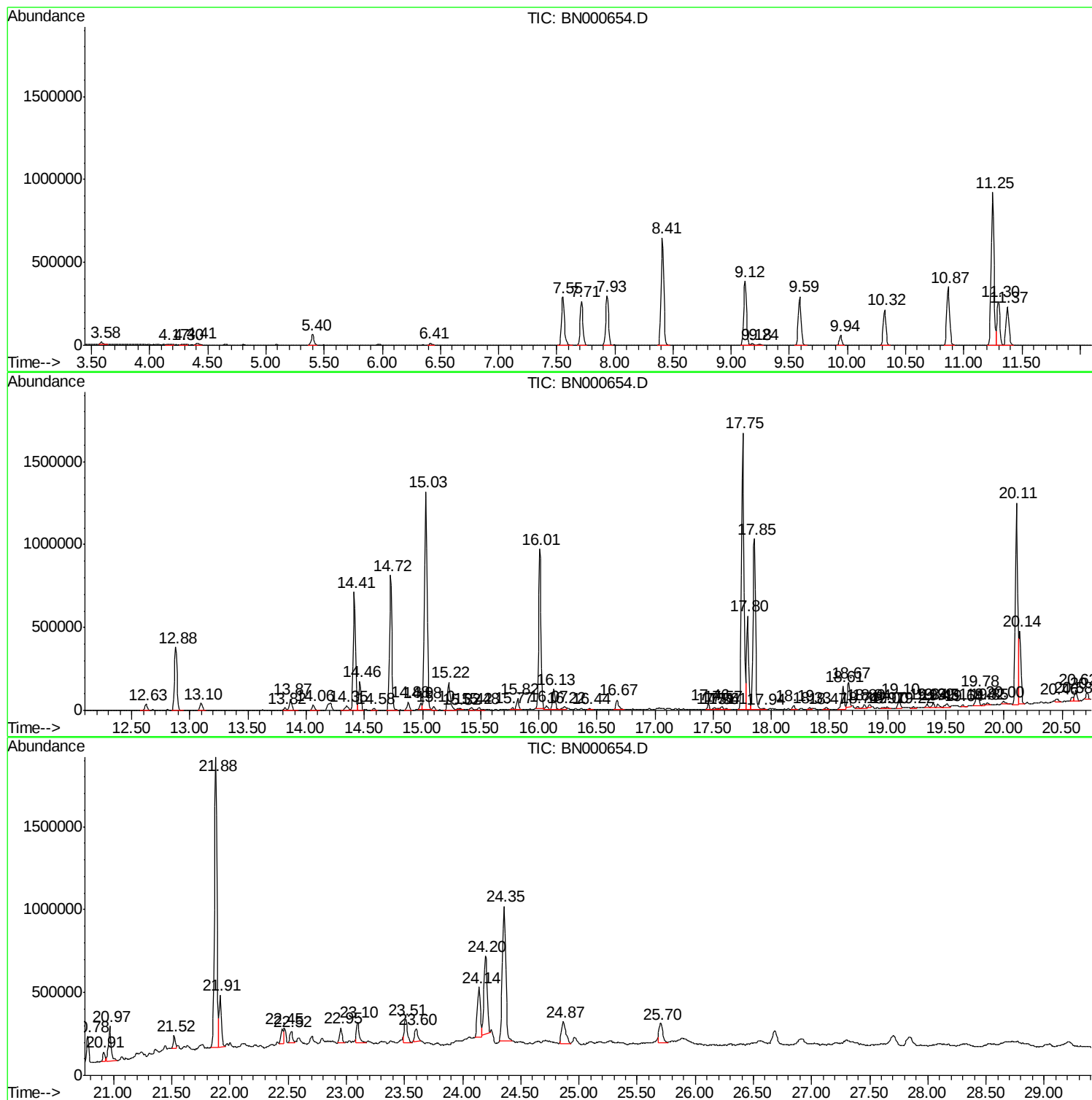
Sum of corrected areas: 31819870

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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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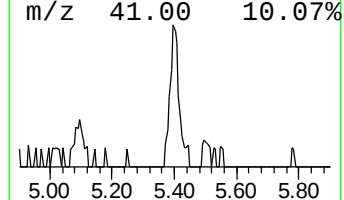
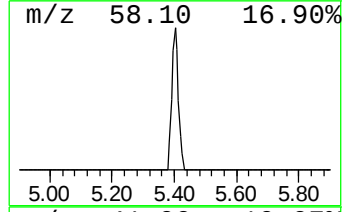
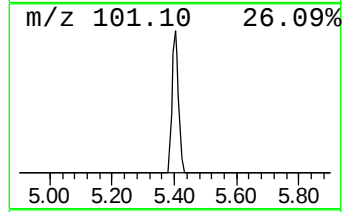
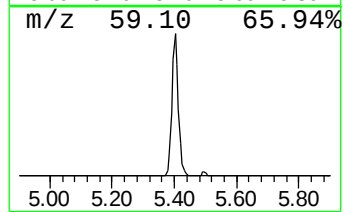
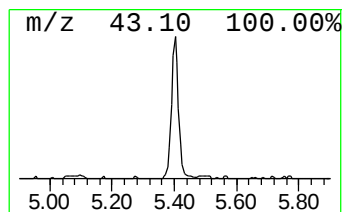
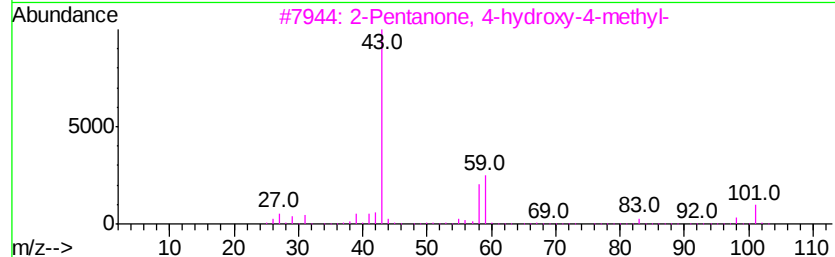
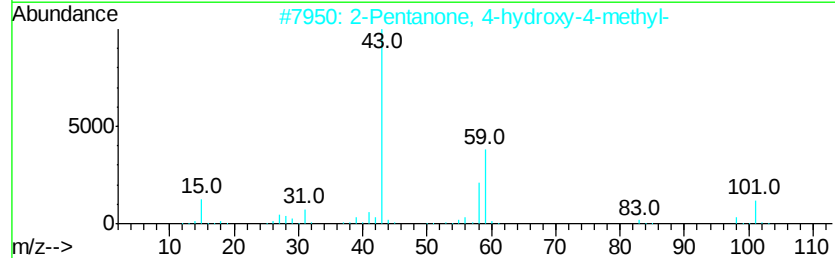
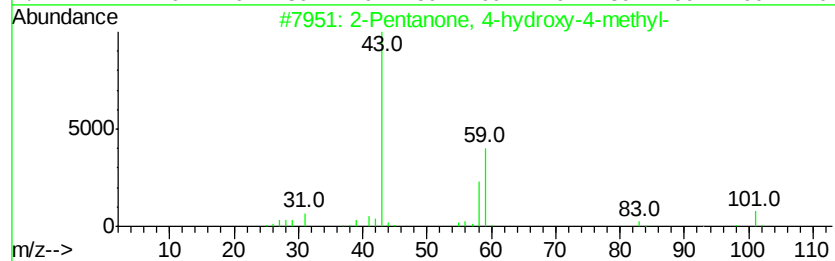
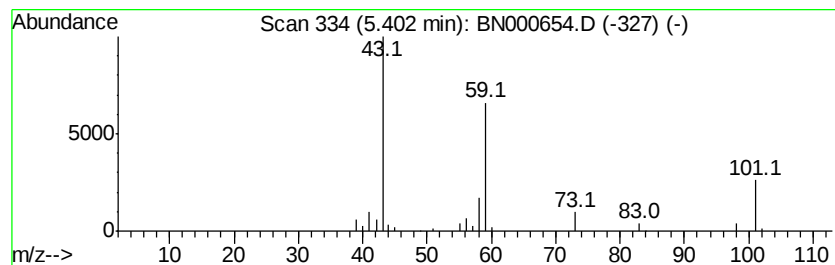
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	2.08 ng/ul	108947	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12



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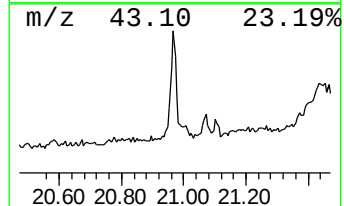
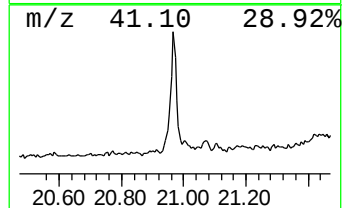
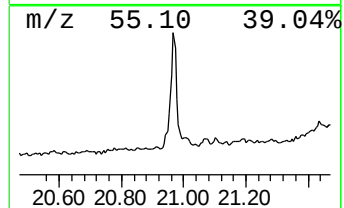
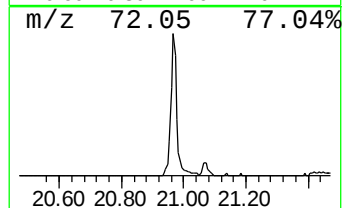
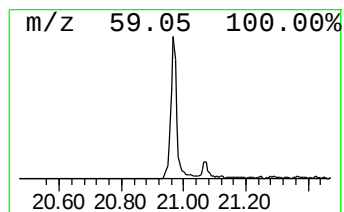
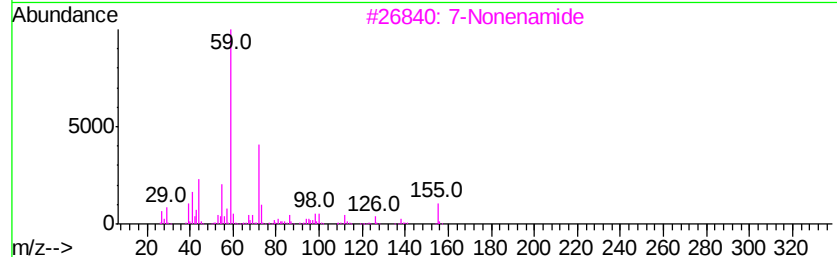
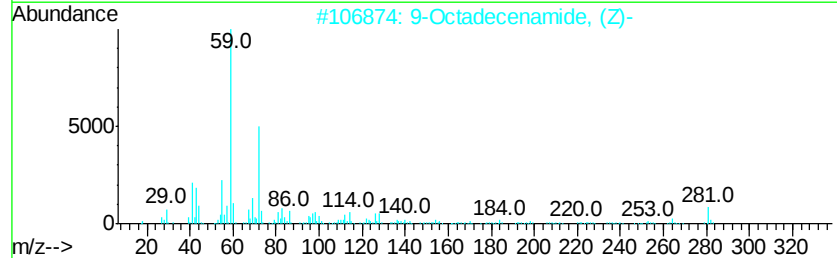
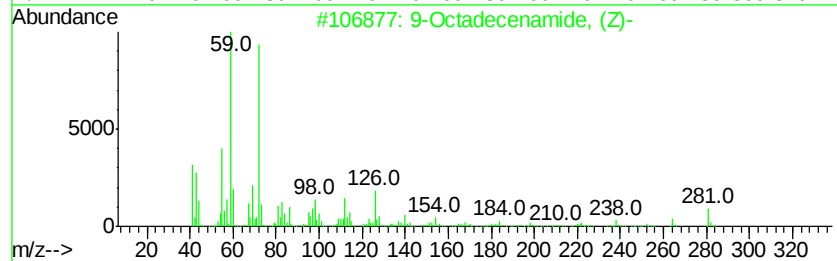
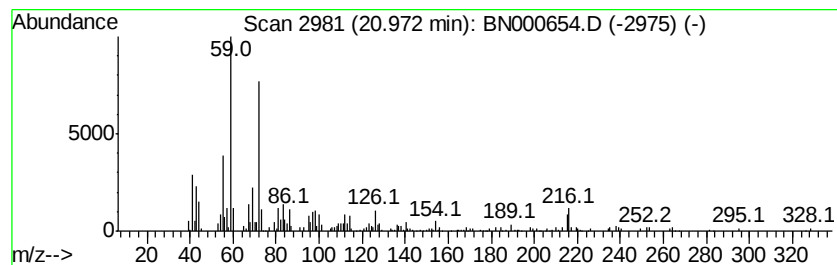
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.54 ng/ul	325148	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
3		7-Nonenamide	155	C9H17NO	090949-53-4	47
4		Octadecanamide	283	C18H37NO	000124-26-5	47
5		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43



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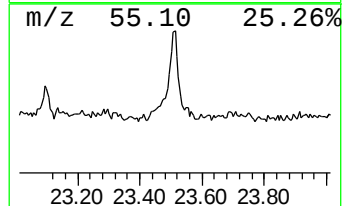
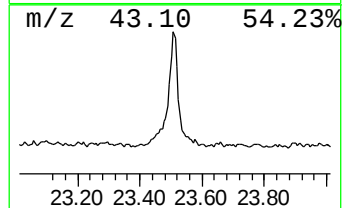
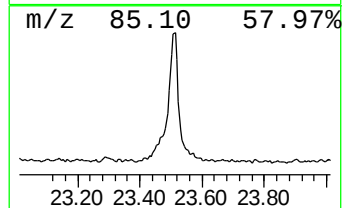
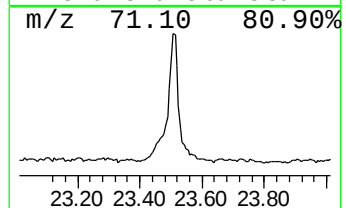
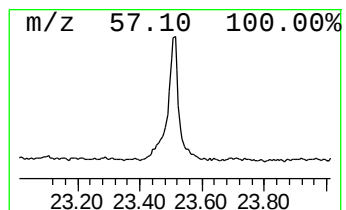
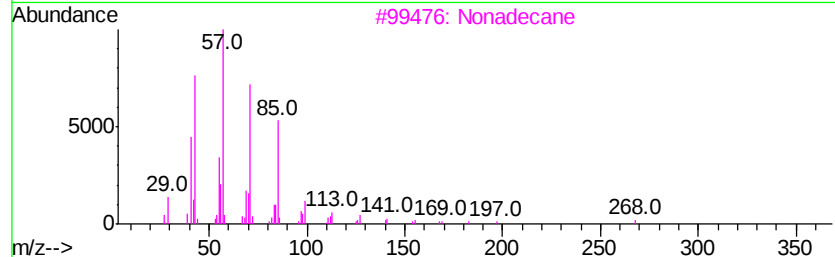
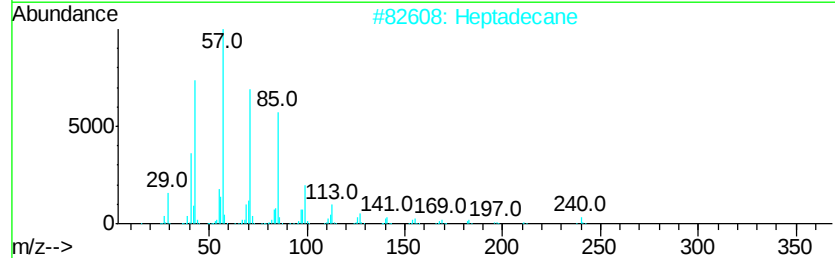
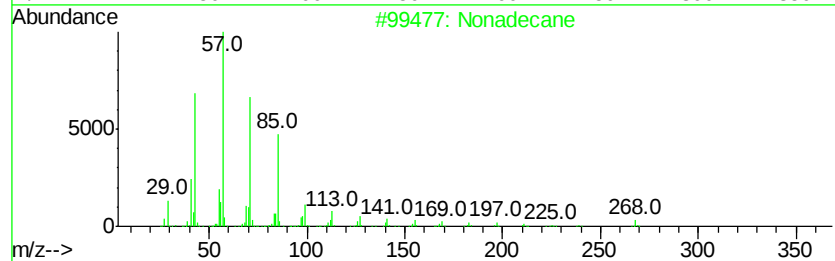
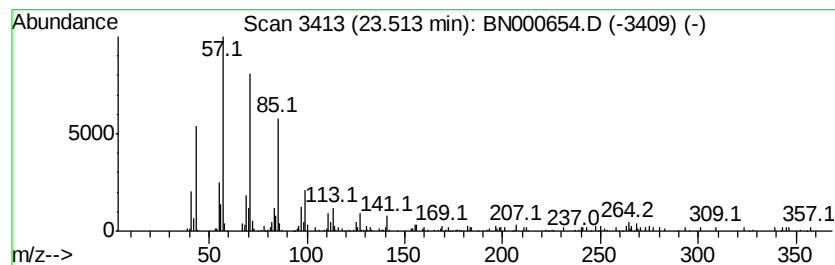
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	3.12 ng/ul	262519	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heptadecane	240	C17H36	000629-78-7	93
3		Nonadecane	268	C19H40	000629-92-5	93
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
Data File : BN000654.D
Acq On : 27 Mar 2018 19:20
Operator : JU/SJ
Sample : J2060-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS8

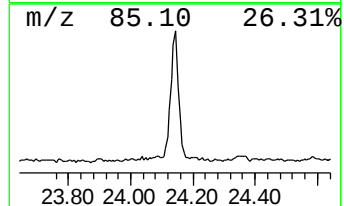
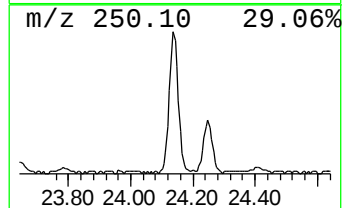
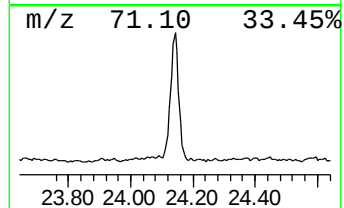
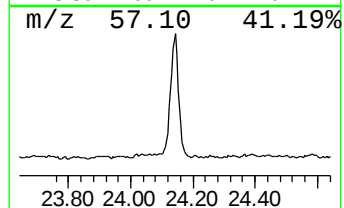
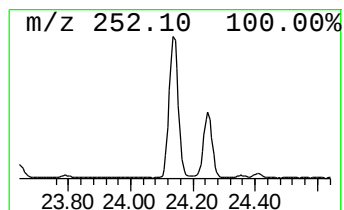
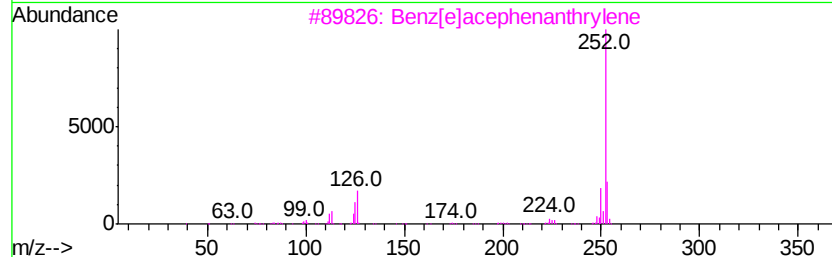
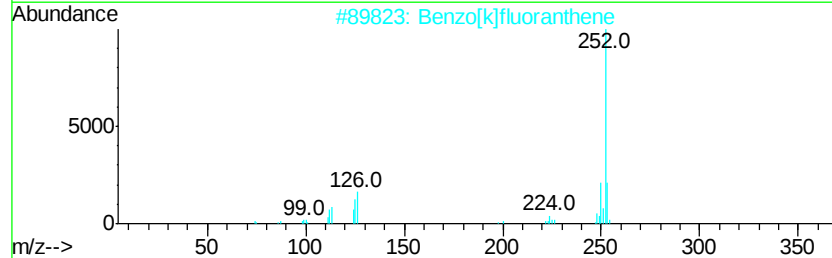
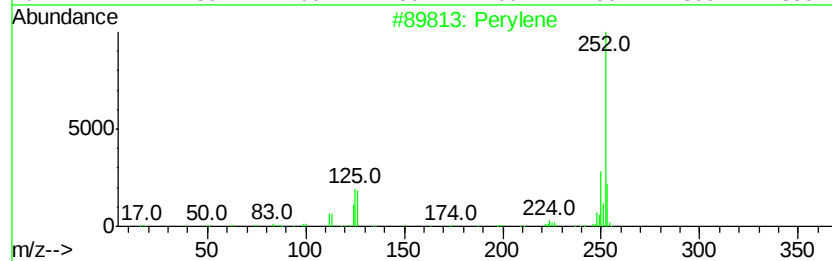
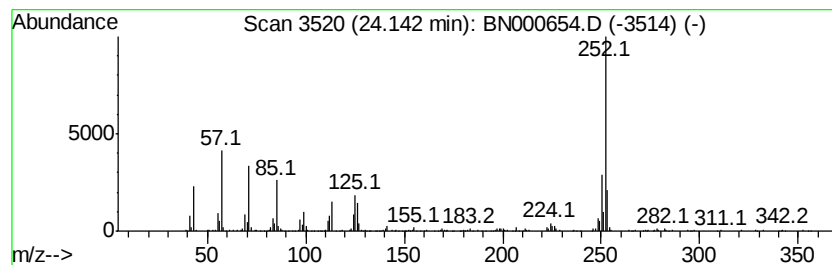
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	6.80 ng/ul	571081	Perylene-d12	24.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene		252	C20H12	000198-55-0	98
2	Benzo[k]fluoranthene		252	C20H12	000207-08-9	97
3	Benzo[e]acephenanthrylene		252	C20H12	000205-99-2	96
4	Benzo[e]pyrene		252	C20H12	000192-97-2	96
5	Benzo[a]pyrene		252	C20H12	000192-97-2	95



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
Data File : BN000654.D
Acq On : 27 Mar 2018 19:20
Operator : JU/SJ
Sample : J2060-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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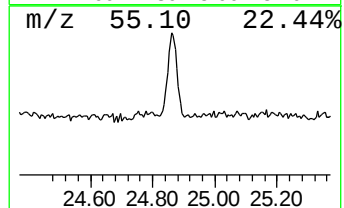
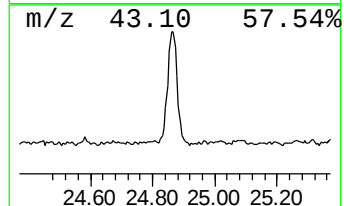
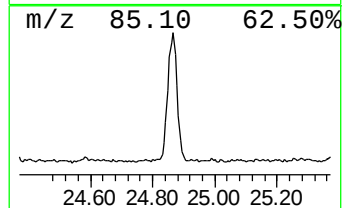
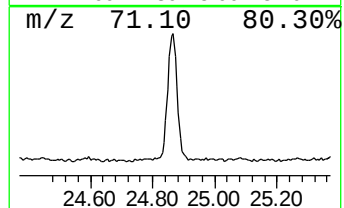
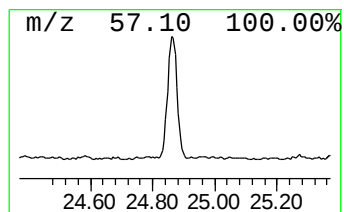
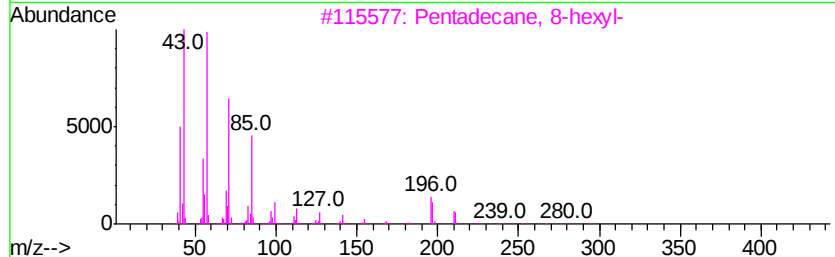
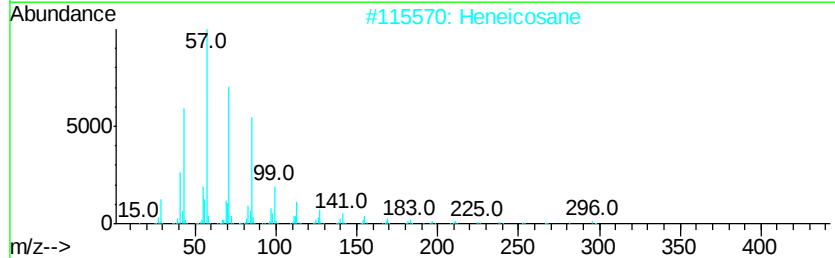
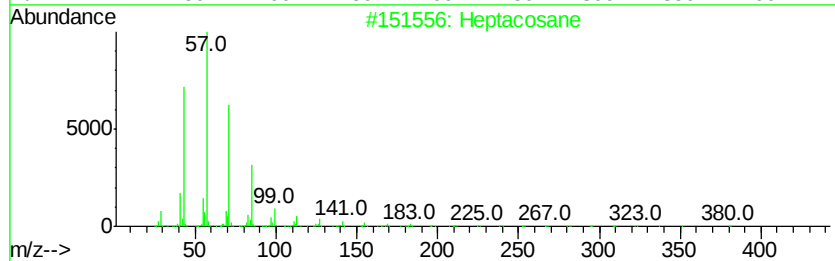
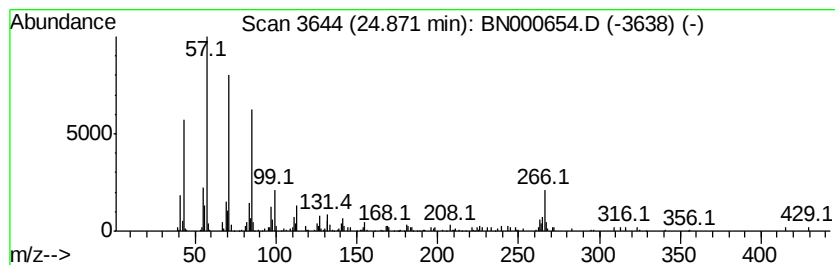
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.87	4.22 ng/ul	354274	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Heneicosane	296	C21H44	000629-94-7	83
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032718\
Data File : BN000654.D
Acq On : 27 Mar 2018 19:20
Operator : JU/SJ
Sample : J2060-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS8

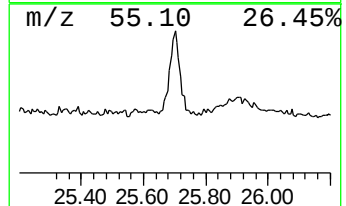
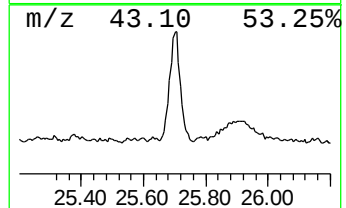
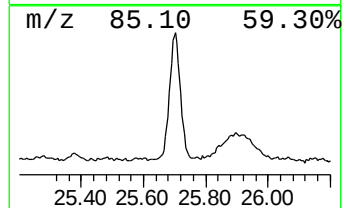
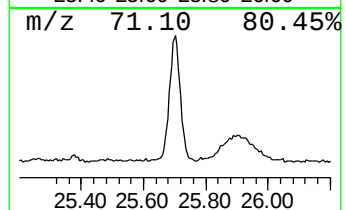
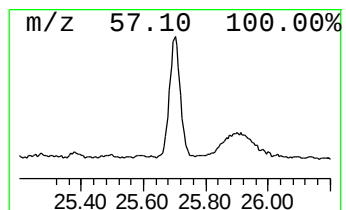
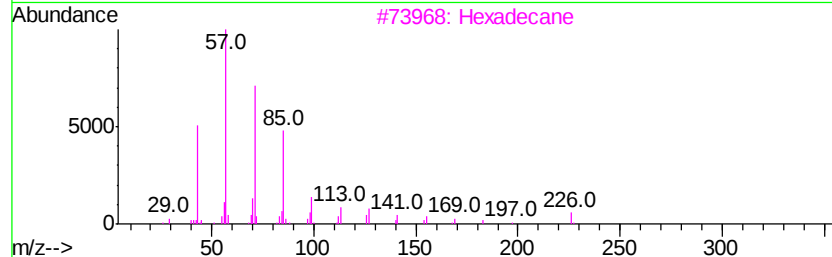
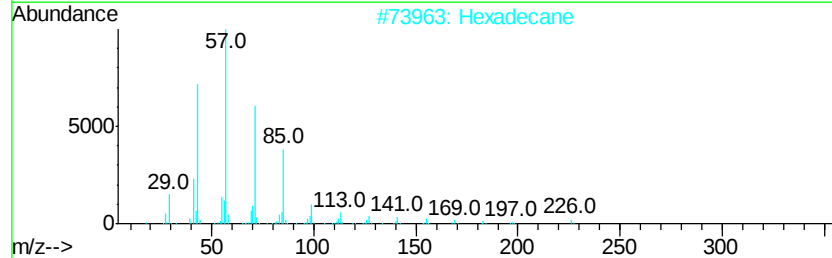
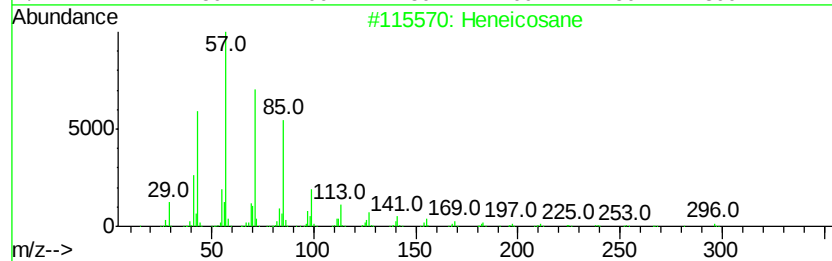
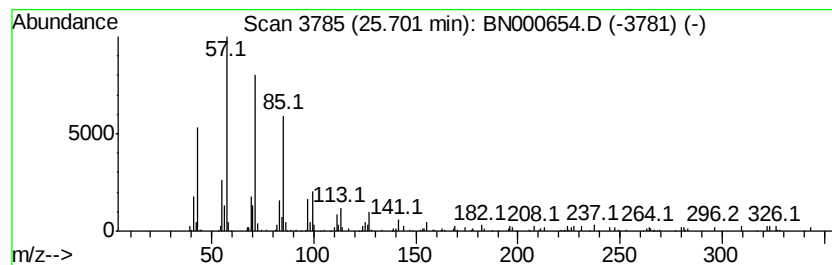
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.70	3.22 ng/ul	270246	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Hexadecane	226	C16H34	000544-76-3	94
3		Hexadecane	226	C16H34	000544-76-3	93
4		Hexadecane	226	C16H34	000544-76-3	93
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032718\
Data File : BN000654.D
Acq On : 27 Mar 2018 19:20
Operator : JU/SJ
Sample : J2060-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AS8

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.40	2.1	ng/ul	108947	1	8.41	1045680	20.0
9-Octadecenamide,...	20.97	2.5	ng/ul	325148	5	21.88	2564420	20.0
(DEL) Alkane: Str...	23.51	3.1	ng/ul	262519	6	24.35	1680570	20.0
Perylene	24.14	6.8	ng/ul	571081	6	24.35	1680570	20.0
(DEL) Alkane: Str...	24.87	4.2	ng/ul	354274	6	24.35	1680570	20.0
(DEL) Alkane: Str...	25.70	3.2	ng/ul	270246	6	24.35	1680570	20.0